

Global Portable IoT Seal Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GA4B4E51E5EAEN.html>

Date: August 2026

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: GA4B4E51E5EAEN

Abstracts

According to our (Global Info Research) latest study, the global Portable IoT Seal market size was valued at US\$ million in 2025 and is forecast to a readjusted size of US\$ million by 2032 with a CAGR of %during review period.

The portable IoT seal is a portable device that integrates IoT technology and is used to authenticate and track items in real time. It connects to the network through a wireless communication module (such as Wi-Fi or Bluetooth), records the time, location and status of the seal, and ensures the security of the authentication process and the integrity of the data. It is widely used in document authentication, product tracking and supply chain management, and improves the efficiency and accuracy of item verification.

This report is a detailed and comprehensive analysis for global Portable IoT Seal market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Portable IoT Seal market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Portable IoT Seal market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Portable IoT Seal market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Portable IoT Seal market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Portable IoT Seal

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Portable IoT Seal market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Trodat, Colop Stamps, Reiner GmbH, MaxStamp, Yangguang Soft, Weaver, UBISYS, Wintec Seal, Beijing Huilang, Seeyon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Portable IoT Seal market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Bluetooth Stamp

Wireless Stamp

Market segment by Application

Government Departments

Enterprises

Individuals

Major players covered

Trodat

Colop Stamps

Reiner GmbH

MaxStamp

Yangguang Soft

Weaver

UBISYS

Wintec Seal

Beijing Huilang

Seeyon

Qunjie

Kingdee

Signet

Jianye

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Portable IoT Seal product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Portable IoT Seal, with price, sales quantity, revenue, and global market share of Portable IoT Seal from 2021 to 2026.

Chapter 3, the Portable IoT Seal competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Portable IoT Seal breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Portable IoT Seal market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Portable IoT Seal.

Chapter 14 and 15, to describe Portable IoT Seal sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Portable IoT Seal Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Bluetooth Stamp

1.3.3 Wireless Stamp

1.4 Market Analysis by Application

1.4.1 Overview: Global Portable IoT Seal Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.4.2 Government Departments

1.4.3 Enterprises

1.4.4 Individuals

1.5 Global Portable IoT Seal Market Size & Forecast

1.5.1 Global Portable IoT Seal Consumption Value (2021 & 2025 & 2032)

1.5.2 Global Portable IoT Seal Sales Quantity (2021-2032)

1.5.3 Global Portable IoT Seal Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Trodat

2.1.1 Trodat Details

2.1.2 Trodat Major Business

2.1.3 Trodat Portable IoT Seal Product and Services

2.1.4 Trodat Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Trodat Recent Developments/Updates

2.2 Colop Stamps

2.2.1 Colop Stamps Details

2.2.2 Colop Stamps Major Business

2.2.3 Colop Stamps Portable IoT Seal Product and Services

2.2.4 Colop Stamps Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Colop Stamps Recent Developments/Updates

2.3 Reiner GmbH

- 2.3.1 Reiner GmbH Details
- 2.3.2 Reiner GmbH Major Business
- 2.3.3 Reiner GmbH Portable IoT Seal Product and Services
- 2.3.4 Reiner GmbH Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.3.5 Reiner GmbH Recent Developments/Updates
- 2.4 MaxStamp
 - 2.4.1 MaxStamp Details
 - 2.4.2 MaxStamp Major Business
 - 2.4.3 MaxStamp Portable IoT Seal Product and Services
 - 2.4.4 MaxStamp Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 MaxStamp Recent Developments/Updates
- 2.5 Yangguang Soft
 - 2.5.1 Yangguang Soft Details
 - 2.5.2 Yangguang Soft Major Business
 - 2.5.3 Yangguang Soft Portable IoT Seal Product and Services
 - 2.5.4 Yangguang Soft Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Yangguang Soft Recent Developments/Updates
- 2.6 Weaver
 - 2.6.1 Weaver Details
 - 2.6.2 Weaver Major Business
 - 2.6.3 Weaver Portable IoT Seal Product and Services
 - 2.6.4 Weaver Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 Weaver Recent Developments/Updates
- 2.7 UBISYS
 - 2.7.1 UBISYS Details
 - 2.7.2 UBISYS Major Business
 - 2.7.3 UBISYS Portable IoT Seal Product and Services
 - 2.7.4 UBISYS Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 UBISYS Recent Developments/Updates
- 2.8 Wintec Seal
 - 2.8.1 Wintec Seal Details
 - 2.8.2 Wintec Seal Major Business
 - 2.8.3 Wintec Seal Portable IoT Seal Product and Services
 - 2.8.4 Wintec Seal Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2021-2026)

2.8.5 Wintec Seal Recent Developments/Updates

2.9 Beijing Huilang

2.9.1 Beijing Huilang Details

2.9.2 Beijing Huilang Major Business

2.9.3 Beijing Huilang Portable IoT Seal Product and Services

2.9.4 Beijing Huilang Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Beijing Huilang Recent Developments/Updates

2.10 Seeyon

2.10.1 Seeyon Details

2.10.2 Seeyon Major Business

2.10.3 Seeyon Portable IoT Seal Product and Services

2.10.4 Seeyon Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Seeyon Recent Developments/Updates

2.11 Qunjie

2.11.1 Qunjie Details

2.11.2 Qunjie Major Business

2.11.3 Qunjie Portable IoT Seal Product and Services

2.11.4 Qunjie Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Qunjie Recent Developments/Updates

2.12 Kingdee

2.12.1 Kingdee Details

2.12.2 Kingdee Major Business

2.12.3 Kingdee Portable IoT Seal Product and Services

2.12.4 Kingdee Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Kingdee Recent Developments/Updates

2.13 Signet

2.13.1 Signet Details

2.13.2 Signet Major Business

2.13.3 Signet Portable IoT Seal Product and Services

2.13.4 Signet Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 Signet Recent Developments/Updates

2.14 Jianye

2.14.1 Jianye Details

- 2.14.2 Jianye Major Business
- 2.14.3 Jianye Portable IoT Seal Product and Services
- 2.14.4 Jianye Portable IoT Seal Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.14.5 Jianye Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: PORTABLE IOT SEAL BY MANUFACTURER

- 3.1 Global Portable IoT Seal Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Portable IoT Seal Revenue by Manufacturer (2021-2026)
- 3.3 Global Portable IoT Seal Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Portable IoT Seal by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Portable IoT Seal Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Portable IoT Seal Manufacturer Market Share in 2025
- 3.5 Portable IoT Seal Market: Overall Company Footprint Analysis
 - 3.5.1 Portable IoT Seal Market: Region Footprint
 - 3.5.2 Portable IoT Seal Market: Company Product Type Footprint
 - 3.5.3 Portable IoT Seal Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Portable IoT Seal Market Size by Region
 - 4.1.1 Global Portable IoT Seal Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Portable IoT Seal Consumption Value by Region (2021-2032)
 - 4.1.3 Global Portable IoT Seal Average Price by Region (2021-2032)
- 4.2 North America Portable IoT Seal Consumption Value (2021-2032)
- 4.3 Europe Portable IoT Seal Consumption Value (2021-2032)
- 4.4 Asia-Pacific Portable IoT Seal Consumption Value (2021-2032)
- 4.5 South America Portable IoT Seal Consumption Value (2021-2032)
- 4.6 Middle East & Africa Portable IoT Seal Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Portable IoT Seal Sales Quantity by Type (2021-2032)
- 5.2 Global Portable IoT Seal Consumption Value by Type (2021-2032)

5.3 Global Portable IoT Seal Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Portable IoT Seal Sales Quantity by Application (2021-2032)

6.2 Global Portable IoT Seal Consumption Value by Application (2021-2032)

6.3 Global Portable IoT Seal Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Portable IoT Seal Sales Quantity by Type (2021-2032)

7.2 North America Portable IoT Seal Sales Quantity by Application (2021-2032)

7.3 North America Portable IoT Seal Market Size by Country

7.3.1 North America Portable IoT Seal Sales Quantity by Country (2021-2032)

7.3.2 North America Portable IoT Seal Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Portable IoT Seal Sales Quantity by Type (2021-2032)

8.2 Europe Portable IoT Seal Sales Quantity by Application (2021-2032)

8.3 Europe Portable IoT Seal Market Size by Country

8.3.1 Europe Portable IoT Seal Sales Quantity by Country (2021-2032)

8.3.2 Europe Portable IoT Seal Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Portable IoT Seal Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Portable IoT Seal Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Portable IoT Seal Market Size by Region

9.3.1 Asia-Pacific Portable IoT Seal Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Portable IoT Seal Consumption Value by Region (2021-2032)

- 9.3.3 China Market Size and Forecast (2021-2032)
- 9.3.4 Japan Market Size and Forecast (2021-2032)
- 9.3.5 South Korea Market Size and Forecast (2021-2032)
- 9.3.6 India Market Size and Forecast (2021-2032)
- 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
- 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

- 10.1 South America Portable IoT Seal Sales Quantity by Type (2021-2032)
- 10.2 South America Portable IoT Seal Sales Quantity by Application (2021-2032)
- 10.3 South America Portable IoT Seal Market Size by Country
 - 10.3.1 South America Portable IoT Seal Sales Quantity by Country (2021-2032)
 - 10.3.2 South America Portable IoT Seal Consumption Value by Country (2021-2032)
 - 10.3.3 Brazil Market Size and Forecast (2021-2032)
 - 10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Portable IoT Seal Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Portable IoT Seal Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa Portable IoT Seal Market Size by Country
 - 11.3.1 Middle East & Africa Portable IoT Seal Sales Quantity by Country (2021-2032)
 - 11.3.2 Middle East & Africa Portable IoT Seal Consumption Value by Country (2021-2032)
 - 11.3.3 Turkey Market Size and Forecast (2021-2032)
 - 11.3.4 Egypt Market Size and Forecast (2021-2032)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
 - 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 Portable IoT Seal Market Drivers
- 12.2 Portable IoT Seal Market Restraints
- 12.3 Portable IoT Seal Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Portable IoT Seal and Key Manufacturers

13.2 Manufacturing Costs Percentage of Portable IoT Seal

13.3 Portable IoT Seal Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Portable IoT Seal Typical Distributors

14.3 Portable IoT Seal Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global HFO-1233zd Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global HFO-1233zd Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 3. Central Glass Basic Information, Manufacturing Base and Competitors

Table 4. Central Glass Major Business

Table 5. Central Glass HFO-1233zd Product and Services

Table 6. Central Glass HFO-1233zd Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 7. Central Glass Recent Developments/Updates

Table 8. Honeywell Basic Information, Manufacturing Base and Competitors

Table 9. Honeywell Major Business

Table 10. Honeywell HFO-1233zd Product and Services

Table 11. Honeywell HFO-1233zd Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. Honeywell Recent Developments/Updates

Table 13. Zibo Aofan Chemical Basic Information, Manufacturing Base and Competitors

Table 14. Zibo Aofan Chemical Major Business

Table 15. Zibo Aofan Chemical HFO-1233zd Product and Services

Table 16. Zibo Aofan Chemical HFO-1233zd Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. Zibo Aofan Chemical Recent Developments/Updates

Table 18. Hangzhou Keying Chem Basic Information, Manufacturing Base and Competitors

Table 19. Hangzhou Keying Chem Major Business

Table 20. Hangzhou Keying Chem HFO-1233zd Product and Services

Table 21. Hangzhou Keying Chem HFO-1233zd Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. Hangzhou Keying Chem Recent Developments/Updates

Table 23. Zhejiang Aikesheng Chemical Basic Information, Manufacturing Base and Competitors

Table 24. Zhejiang Aikesheng Chemical Major Business

Table 25. Zhejiang Aikesheng Chemical HFO-1233zd Product and Services

Table 26. Zhejiang Aikesheng Chemical HFO-1233zd Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 27. Zhejiang Aikesheng Chemical Recent Developments/Updates
Table 28. Quanzhou Yuji Basic Information, Manufacturing Base and Competitors
Table 29. Quanzhou Yuji Major Business
Table 30. Quanzhou Yuji HFO-1233zd Product and Services
Table 31. Quanzhou Yuji HFO-1233zd Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 32. Quanzhou Yuji Recent Developments/Updates
Table 33. Global HFO-1233zd Sales Quantity by Manufacturer (2021-2026) & (Tons)
Table 34. Global HFO-1233zd Revenue by Manufacturer (2021-2026) & (USD Million)
Table 35. Global HFO-1233zd Average Price by Manufacturer (2021-2026) & (US\$/Ton)
Table 36. Market Position of Manufacturers in HFO-1233zd, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 37. Head Office and HFO-1233zd Production Site of Key Manufacturer
Table 38. HFO-1233zd Market: Company Product Type Footprint
Table 39. HFO-1233zd Market: Company Product Application Footprint
Table 40. HFO-1233zd New Market Entrants and Barriers to Market Entry
Table 41. HFO-1233zd Mergers, Acquisition, Agreements, and Collaborations
Table 42. Global HFO-1233zd Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 43. Global HFO-1233zd Sales Quantity by Region (2021-2026) & (Tons)
Table 44. Global HFO-1233zd Sales Quantity by Region (2027-2032) & (Tons)
Table 45. Global HFO-1233zd Consumption Value by Region (2021-2026) & (USD Million)
Table 46. Global HFO-1233zd Consumption Value by Region (2027-2032) & (USD Million)
Table 47. Global HFO-1233zd Average Price by Region (2021-2026) & (US\$/Ton)
Table 48. Global HFO-1233zd Average Price by Region (2027-2032) & (US\$/Ton)
Table 49. Global HFO-1233zd Sales Quantity by Type (2021-2026) & (Tons)
Table 50. Global HFO-1233zd Sales Quantity by Type (2027-2032) & (Tons)
Table 51. Global HFO-1233zd Consumption Value by Type (2021-2026) & (USD Million)
Table 52. Global HFO-1233zd Consumption Value by Type (2027-2032) & (USD Million)
Table 53. Global HFO-1233zd Average Price by Type (2021-2026) & (US\$/Ton)
Table 54. Global HFO-1233zd Average Price by Type (2027-2032) & (US\$/Ton)
Table 55. Global HFO-1233zd Sales Quantity by Application (2021-2026) & (Tons)
Table 56. Global HFO-1233zd Sales Quantity by Application (2027-2032) & (Tons)
Table 57. Global HFO-1233zd Consumption Value by Application (2021-2026) & (USD Million)

Table 58. Global HFO-1233zd Consumption Value by Application (2027-2032) & (USD Million)

Table 59. Global HFO-1233zd Average Price by Application (2021-2026) & (US\$/Ton)

Table 60. Global HFO-1233zd Average Price by Application (2027-2032) & (US\$/Ton)

Table 61. North America HFO-1233zd Sales Quantity by Type (2021-2026) & (Tons)

Table 62. North America HFO-1233zd Sales Quantity by Type (2027-2032) & (Tons)

Table 63. North America HFO-1233zd Sales Quantity by Application (2021-2026) & (Tons)

Table 64. North America HFO-1233zd Sales Quantity by Application (2027-2032) & (Tons)

Table 65. North America HFO-1233zd Sales Quantity by Country (2021-2026) & (Tons)

Table 66. North America HFO-1233zd Sales Quantity by Country (2027-2032) & (Tons)

Table 67. North America HFO-1233zd Consumption Value by Country (2021-2026) & (USD Million)

Table 68. North America HFO-1233zd Consumption Value by Country (2027-2032) & (USD Million)

Table 69. Europe HFO-1233zd Sales Quantity by Type (2021-2026) & (Tons)

Table 70. Europe HFO-1233zd Sales Quantity by Type (2027-2032) & (Tons)

Table 71. Europe HFO-1233zd Sales Quantity by Application (2021-2026) & (Tons)

Table 72. Europe HFO-1233zd Sales Quantity by Application (2027-2032) & (Tons)

Table 73. Europe HFO-1233zd Sales Quantity by Country (2021-2026) & (Tons)

Table 74. Europe HFO-1233zd Sales Quantity by Country (2027-2032) & (Tons)

Table 75. Europe HFO-1233zd Consumption Value by Country (2021-2026) & (USD Million)

Table 76. Europe HFO-1233zd Consumption Value by Country (2027-2032) & (USD Million)

Table 77. Asia-Pacific HFO-1233zd Sales Quantity by Type (2021-2026) & (Tons)

Table 78. Asia-Pacific HFO-1233zd Sales Quantity by Type (2027-2032) & (Tons)

Table 79. Asia-Pacific HFO-1233zd Sales Quantity by Application (2021-2026) & (Tons)

Table 80. Asia-Pacific HFO-1233zd Sales Quantity by Application (2027-2032) & (Tons)

Table 81. Asia-Pacific HFO-1233zd Sales Quantity by Region (2021-2026) & (Tons)

Table 82. Asia-Pacific HFO-1233zd Sales Quantity by Region (2027-2032) & (Tons)

Table 83. Asia-Pacific HFO-1233zd Consumption Value by Region (2021-2026) & (USD Million)

Table 84. Asia-Pacific HFO-1233zd Consumption Value by Region (2027-2032) & (USD Million)

Table 85. South America HFO-1233zd Sales Quantity by Type (2021-2026) & (Tons)

Table 86. South America HFO-1233zd Sales Quantity by Type (2027-2032) & (Tons)

Table 87. South America HFO-1233zd Sales Quantity by Application (2021-2026) &

(Tons)

Table 88. South America HFO-1233zd Sales Quantity by Application (2027-2032) & (Tons)

Table 89. South America HFO-1233zd Sales Quantity by Country (2021-2026) & (Tons)

Table 90. South America HFO-1233zd Sales Quantity by Country (2027-2032) & (Tons)

Table 91. South America HFO-1233zd Consumption Value by Country (2021-2026) & (USD Million)

Table 92. South America HFO-1233zd Consumption Value by Country (2027-2032) & (USD Million)

Table 93. Middle East & Africa HFO-1233zd Sales Quantity by Type (2021-2026) & (Tons)

Table 94. Middle East & Africa HFO-1233zd Sales Quantity by Type (2027-2032) & (Tons)

Table 95. Middle East & Africa HFO-1233zd Sales Quantity by Application (2021-2026) & (Tons)

Table 96. Middle East & Africa HFO-1233zd Sales Quantity by Application (2027-2032) & (Tons)

Table 97. Middle East & Africa HFO-1233zd Sales Quantity by Country (2021-2026) & (Tons)

Table 98. Middle East & Africa HFO-1233zd Sales Quantity by Country (2027-2032) & (Tons)

Table 99. Middle East & Africa HFO-1233zd Consumption Value by Country (2021-2026) & (USD Million)

Table 100. Middle East & Africa HFO-1233zd Consumption Value by Country (2027-2032) & (USD Million)

Table 101. HFO-1233zd Raw Material

Table 102. Key Manufacturers of HFO-1233zd Raw Materials

Table 103. HFO-1233zd Typical Distributors

Table 104. HFO-1233zd Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. HFO-1233zd Picture
- Figure 2. Global HFO-1233zd Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global HFO-1233zd Revenue Market Share by Type in 2025
- Figure 4. 98% Purity Examples
- Figure 5. 99% Purity Examples
- Figure 6. Global HFO-1233zd Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 7. Global HFO-1233zd Revenue Market Share by Application in 2025
- Figure 8. Rigid Polyurethane Foam Examples
- Figure 9. Refrigerant Examples
- Figure 10. Other Examples
- Figure 11. Global HFO-1233zd Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 12. Global HFO-1233zd Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 13. Global HFO-1233zd Sales Quantity (2021-2032) & (Tons)
- Figure 14. Global HFO-1233zd Price (2021-2032) & (US\$/Ton)
- Figure 15. Global HFO-1233zd Sales Quantity Market Share by Manufacturer in 2025
- Figure 16. Global HFO-1233zd Revenue Market Share by Manufacturer in 2025
- Figure 17. Producer Shipments of HFO-1233zd by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 18. Top 3 HFO-1233zd Manufacturer (Revenue) Market Share in 2025
- Figure 19. Top 6 HFO-1233zd Manufacturer (Revenue) Market Share in 2025
- Figure 20. Global HFO-1233zd Sales Quantity Market Share by Region (2021-2032)
- Figure 21. Global HFO-1233zd Consumption Value Market Share by Region (2021-2032)
- Figure 22. North America HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 23. Europe HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 24. Asia-Pacific HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 25. South America HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 26. Middle East & Africa HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 27. Global HFO-1233zd Sales Quantity Market Share by Type (2021-2032)
- Figure 28. Global HFO-1233zd Consumption Value Market Share by Type (2021-2032)

- Figure 29. Global HFO-1233zd Average Price by Type (2021-2032) & (US\$/Ton)
- Figure 30. Global HFO-1233zd Sales Quantity Market Share by Application (2021-2032)
- Figure 31. Global HFO-1233zd Revenue Market Share by Application (2021-2032)
- Figure 32. Global HFO-1233zd Average Price by Application (2021-2032) & (US\$/Ton)
- Figure 33. North America HFO-1233zd Sales Quantity Market Share by Type (2021-2032)
- Figure 34. North America HFO-1233zd Sales Quantity Market Share by Application (2021-2032)
- Figure 35. North America HFO-1233zd Sales Quantity Market Share by Country (2021-2032)
- Figure 36. North America HFO-1233zd Consumption Value Market Share by Country (2021-2032)
- Figure 37. United States HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 38. Canada HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 39. Mexico HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 40. Europe HFO-1233zd Sales Quantity Market Share by Type (2021-2032)
- Figure 41. Europe HFO-1233zd Sales Quantity Market Share by Application (2021-2032)
- Figure 42. Europe HFO-1233zd Sales Quantity Market Share by Country (2021-2032)
- Figure 43. Europe HFO-1233zd Consumption Value Market Share by Country (2021-2032)
- Figure 44. Germany HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 45. France HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 46. United Kingdom HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 47. Russia HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 48. Italy HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 49. Asia-Pacific HFO-1233zd Sales Quantity Market Share by Type (2021-2032)
- Figure 50. Asia-Pacific HFO-1233zd Sales Quantity Market Share by Application (2021-2032)
- Figure 51. Asia-Pacific HFO-1233zd Sales Quantity Market Share by Region (2021-2032)
- Figure 52. Asia-Pacific HFO-1233zd Consumption Value Market Share by Region (2021-2032)
- Figure 53. China HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 54. Japan HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 55. South Korea HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 56. India HFO-1233zd Consumption Value (2021-2032) & (USD Million)
- Figure 57. Southeast Asia HFO-1233zd Consumption Value (2021-2032) & (USD

Million)

Figure 58. Australia HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 59. South America HFO-1233zd Sales Quantity Market Share by Type
(2021-2032)

Figure 60. South America HFO-1233zd Sales Quantity Market Share by Application
(2021-2032)

Figure 61. South America HFO-1233zd Sales Quantity Market Share by Country
(2021-2032)

Figure 62. South America HFO-1233zd Consumption Value Market Share by Country
(2021-2032)

Figure 63. Brazil HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 64. Argentina HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 65. Middle East & Africa HFO-1233zd Sales Quantity Market Share by Type
(2021-2032)

Figure 66. Middle East & Africa HFO-1233zd Sales Quantity Market Share by
Application (2021-2032)

Figure 67. Middle East & Africa HFO-1233zd Sales Quantity Market Share by Country
(2021-2032)

Figure 68. Middle East & Africa HFO-1233zd Consumption Value Market Share by
Country (2021-2032)

Figure 69. Turkey HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 70. Egypt HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 71. Saudi Arabia HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 72. South Africa HFO-1233zd Consumption Value (2021-2032) & (USD Million)

Figure 73. HFO-1233zd Market Drivers

Figure 74. HFO-1233zd Market Restraints

Figure 75. HFO-1233zd Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of HFO-1233zd in 2025

Figure 78. Manufacturing Process Analysis of HFO-1233zd

Figure 79. HFO-1233zd Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

I would like to order

Product name: Global Portable IoT Seal Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GA4B4E51E5EAEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA4B4E51E5EAEN.html>